

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Yeo, *et al.* Attorney Docket: TSM03-0847  
Filed: Herewith Examiner: TBD  
Serial No.: TBD Art Unit: TBD  
For: Lithography Apparatus for Manufacture of Integrated Circuits

Mail Stop: Patent Application  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Applicant wishes to bring to the attention of the Patent and Trademark Office the information noted on the enclosed form PTO/SB/08A that may be considered material to the examination of the above-identified application.

Pursuant to 37 CFR 1.98(a)(2)(i), as amended, copies of U.S. Patents cited are not being submitted. However, Applicant has included copies of the non-patent literature.

No fee is due at this time, as this Information Disclosure Statement is being filed concurrently with the patent application.

Respectfully submitted,



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April 16, 2004

Date

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	Not Assigned	
			Filing Date	Herewith	
			First Named Inventor	Yeo, <i>et al.</i>	
			Art Unit	TBD	
			Examiner Name	TBD	
Sheet	1	of	1	Attorney Docket Number	TSM03-0847

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	A	US-4,346,164	08-24-1982	Tarbarelli, <i>et al.</i>	
	B	US-4,480,910	11-06-1984	Takanashi, <i>et al.</i>	
	C	US-4,509,852	04-09-1985	Tabarelli, <i>et al.</i>	
	D	US-5,121,256	06-09-1992	Corle, <i>et al.</i>	
	E	US-5,610,683	03-11-1997	Takahashi	
	F	US-5,900,354	05-04-1999	Batchelder	
	G	US-2002/0163629 A1	11-07-2002	Switkes, <i>et al.</i>	
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	H	HOFFNAGLE, J.A., <i>et al.</i> , "Liquid Immersion Deep-Ultraviolet Interferometric Lithography," J. Vacuum Science and Technology B, 1999 American Vacuum Society, Vol. 17, No. 6, pp. 3306-3309, Nov/Dec 1999.	
	I	SWITKES, M., <i>et al.</i> , "Immersion Lithography at 157 nm, J. Vacuum Science and Technology B, 2001 American Vacuum Society, Vol. 19, No. 6, pp. 2353-2356, Nov/Dec 2001.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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